Accomplishments

Our goal for Sprint 5 was to finish out the project and create multiple functioning graphs so that the user would be able to properly use Theory Board. We created multi-project support, multi-note support, better graph handling, and enhanced the UI. We were able to successfully implement all of these features in order to finish up the project.

One of the major accomplishments in Theory Board was the creation of the projects page. This page allows users to open up multiple graphs instead of being limited to just one graph. This page also has a counter for a daily streak, which adds to a gamified aspect making users be more motivated to use PKMS and keep them interacting with it. There is also a search feature in the projects page that allows them to search for certain projects based off names and works from a partial query.

In the graphs themselves, multiple note functions were added with the main feature being the ability to open up multiple notes. This went along with making sure that the notes did not conflict with each other and that the notes would not open up multiple times if the same node was clicked and rather that the note would just come to the front.

Another functionality in the graph itself is that the positioning and functionality of the nodes themselves increased. Now, whenever you refresh or logout and log back into the website, the node locations will persist and they will no longer refresh into different locations.

We made sure that the text areas will cclear out after note creation, allowing for smoother user usage. Also, we improved the UI fully so that the interface is a lot more visually appealing and interactive.

Challenges

Some of the major challenges that were faced by the team were communication issues and branch merging issues. We got through these issues by making sure all of the files matched up properly and working through with each other. For example, we forgot to share some of the .env info with each other which caused the folders to not work, but once we communicated then the other users were able to run it properly as well.

Client Feedback

We did not show our client a demo for this Sprint 5 since we will be doing our presentation this Monday.